

559, 938

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/088094 A2

(31) International Patent Classification⁷: F01L

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(21) International Application Number:
PCT/EP2004/003264

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(22) International Filing Date: 26 March 2004 (26.03.2004)

(25) Filing Language: English

(31) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(26) Publication Language: English

(30) Priority Data:
103 14 683.0 29 March 2003 (29.03.2003) DE
103 23 665.1 14 May 2003 (14.05.2003) DE
103 52 677.3 3 November 2003 (03.11.2003) DE
10 2004 001 343.8 8 January 2004 (08.01.2004) DE
10 2004 003 327.7 22 January 2004 (22.01.2004) DE

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(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

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strasse 62, 7661 Kaiserslautern (DE).

Published:

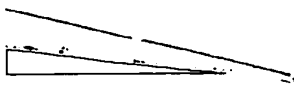
— without international search report and to be republished
upon receipt of that report

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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: VARIABLE VALVE LIFT DEVICE FOR THE LIFT ADJUSTMENT OF GAS-EXCHANGE VALVES OF AN INTER-
NAL COMBUSTION ENGINE

(57) Abstract: In order to produce a variable valve lift device for the lift adjustment of the gas-exchange valves of an internal
combustion engine, by means of which with adjustment forces and holding forces, independently from whether said holding forces
and adjustment forces are applied mechanically, hydraulically or electrically, with an adjustment of the valve lift being as cost-
effective as possible, and with maximum accuracy of the adjustment or control of the valve lift to be taken between the individual
cylinders of a multi-cylinder internal combustion engine, and, moreover, the adjustment possibility of the valve lift of the valves of
an internal combustion engine with several cylinders is obtained within smallest tolerances, it is suggested that a valve lift device (1)
has a rotatable eccentric shaft (3), which consists of several eccentrics (4, 5) and whereby all possible contours of the eccentrics (4,
5) are positioned within a circle, which is formed by means of the external diameters of a bearing (6, 7) of the eccentric shaft (3).



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